

CLAIMS

What is claimed is:

[withdrawn] 1. An initiator of anodic free-radical polymerization that is sensitized to visible light irradiation and provides multiple initiator functionality sites on each molecule or molecular complex.

[withdrawn] 2. The initiator in claim 1 in which the substrate of the molecular complex is a ceramic particle.

[withdrawn] 3. The initiator in claim 1 in which the substrate is a polymeric particle.

[withdrawn] 4. The initiator in claim 1 in which the substrate is a macromolecule.

[withdrawn] 5. Mixtures of said multi-functional photo-initiator in ethylenically unsaturated organic monomer

[new] 6. A molecular complex comprising a ceramic core particle covalently bonded to two or more molecules that are visible-light-sensitive initiators of anodic free-radical polymerization.

[new] 7. The complex in Claim 6 in which spacer molecules covalently connect the core particle to the initiator molecules.

[new] 8. The complex in Claim 6 in which the ceramic core particle is instead the surface of a bulk ceramic body.

[new] 9. Mixtures of said multi-functional photo-initiator in ethylenically unsaturated organic monomer.